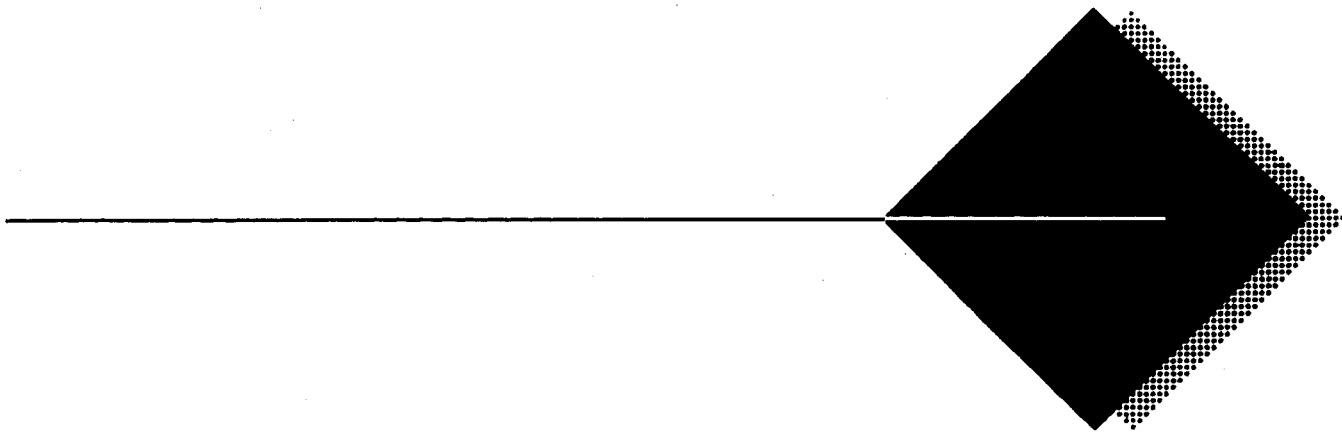
Operating Instructions



Microwave/Grill Oven

NN-K537W

Panasonic®

Before operating this oven, please read these instructions completely.

Installation and connection

English

Examine your microwave oven

Unpack the oven, remove all packing material, and examine the oven for any damage such as dents, broken door latches or cracks in the door. If you find any damage, notify your dealer immediately. Do not install a damaged microwave oven.

Earthing instructions

IMPORTANT: THIS UNIT HAS TO BE PROPERLY EARTHED FOR PERSONAL SAFETY.
If your AC outlet is not earthed, it is the personal responsibility of the customer to have it replaced with a properly earthed wall socket.

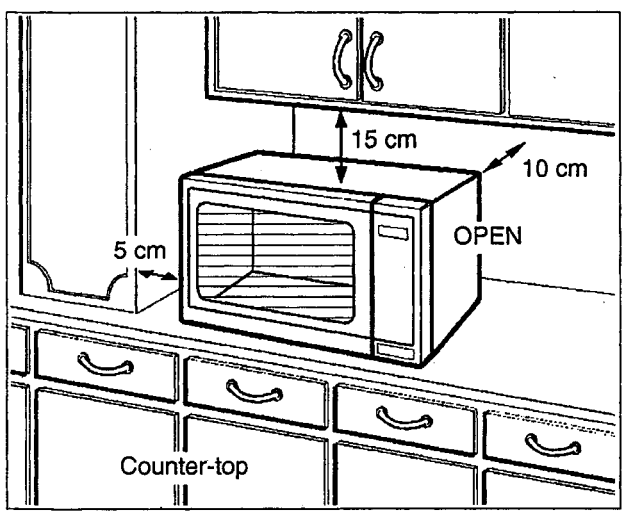
Operation voltage

The voltage has to be the same as specified on the label on the oven. If a higher voltage than specified is used, it may cause a fire or other damages.

Placement of the Oven

1. Place the oven on a flat and stable surface, more than 85 cm above the floor.
2. When this oven is installed, it should be easy to isolate the appliance from the electricity supply by pulling out the plug or operating a circuit breaker.
3. For proper operation ensure a sufficient air circulation for the oven.

   Counter-top use:
   a. Allow 15 cm of space on the top of the oven, 10 cm at back and 5 cm on both sides.
   b. If one side of the oven is placed flush to a wall, the other side or top must not be blocked.



Built-in:
This oven may be built into a wall cabinet by using the proper trim kit (NN-TKK55), which may be purchased from a local Panasonic dealer.

4. Do not place this oven near an electric or gas cooker range.
5. The feet should not be removed.
6. This oven is only for household usage. Do not use outdoors.
7. Avoid using the microwave oven in high humidity.
8. The power cord should not touch the outside of the oven. Keep cord away from hot surfaces. Do not let cord hang over the edge of table or work top. Do not immerse cord, plug or oven in water.
9. Do not block the air vents on the top and back of the oven. If these openings are blocked during operation the oven may overheat. In this case the oven is protected by a thermal safety device and resumes operation only after cooling down.

Safety Instructions

Service

1. **The door seals and door seal areas** should be cleaned with a damp cloth.
   The appliance should be inspected for damage to the door seals and door seal areas and if these areas are damaged the appliance should not be operated until it has been repaired by a service technician trained by the manufacturer.
2. **Do not operate this appliance if it has a damaged cord or plug**, if it is not working properly, or if it has been damaged or dropped.
3. Do not attempt to tamper with or make any adjustments or repairs to door, control panel housing, safety interlock switches or any other part of the oven. Do not remove outer panel from oven.
   Repairs should only be done by a qualified service person.
   It is dangerous for anyone other than a service technician trained by the manufacturer to perform repair service.
4. **The oven light** must be replaced by a service technician trained by the manufacturer. When it becomes necessary to replace the oven light, please consult your dealer.

If the power cord is damaged, it must be exchanged only with a special cord set manufactured by FURAS, type 242/2 for Scandinavia; with connector of M type.

Safety Instructions

Use of your oven

1. **Do not use the oven for any reason other than the preparation of food.** This oven is specifically designed to heat or cook food. Do not use this oven to heat chemicals or other non-food products.
2. Before use, **check utensils/containers** are suitable for use in microwave ovens.
3. Do not attempt to use this microwave oven to dry newspaper, clothing or any other materials. They may catch on fire.
4. When the oven is not being used, do not store any objects other than oven accessories inside the oven in case it is accidentally turned on.
5. The appliance shall not be operated by **MICROWAVE or COMBINATION WITHOUT FOOD IN THE OVEN,** operation in this manner may damage the appliance.
6. If smoke or a fire occurs in the oven, press the STOP/CANCEL Pad and leave door closed. Disconnect the power cord, or shut off power at fuse or circuit breaker panel.

Heater Operation

1. **Before using COMBINATION or GRILL function for the first time, operate the oven without food, Glass Tray, and Roller Ring on GRILL 1 for 10 minutes. This will allow the oil that is used for rust protection to be burned off.**
2. **Exterior oven surfaces, including air vents on the cabinet and the oven door will get hot during COMBINATION and GRILLING, take care when opening or closing door and when inserting or removing food and accessories.**
3. The oven has two heaters situated in the top of the oven. After using the COMBINATION and GRILL functions, these surfaces will be very hot.
   N.B. After cooking by GRILL, the wire rack will be very hot.
4. The accessible parts may become hot when the grill is in use. Children should be kept away.

Fan Motor Operation

After using the oven, the fan may rotate for 1 minute to cool the electronic components.
This is perfectly normal, and you can take out the food from the oven while the fan operates.

Glass Tray

1. Do not operate the oven without the roller ring and the glass tray in place.
2. Never use another type of glass tray than the one specially designed for this oven.
3. If the glass tray is hot, leave it to cool before cleaning or placing in water.
4. The glass tray can turn in either direction.
5. If the food or cooking vessel on the glass tray touches the oven walls and make the turntable stop rotating, the turntable will automatically rotate in the opposite direction. This is normal.
6. Do not cook foods directly on the glass tray.

Roller Ring

1. The roller ring and the oven floor should be cleaned frequently to prevent noise and build-up of remaining food.
2. The roller ring must always be used for cooking together with the glass tray.

Wire Rack

1. A wire rack is included with the oven in order to facilitate browning of small dishes.
2. This rack should be cleaned regularly.
3. When using the rack in the manual Grill or Combination cooking modes, be careful to choose heat-proof containers; containers made of plastic or paper may melt or burn when exposed to the heat radiating from the grill.
4. When using the COMBINATION mode, never place any aluminium or metal container directly on the wire rack. Always insert a glass plate or dish between the wire rack and the aluminium container. This will prevent sparking that may damage the oven.
5. It is not recommended to use the wire rack when cooking in the MICROWAVE mode only.

English

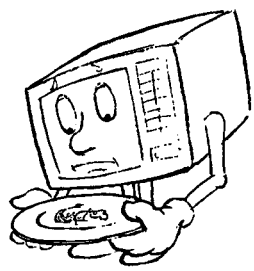
Important Information

1) Cooking Times

- Cooking times given in the cookbook are approximate. The cooking time depends on the condition, temperature and amount of food and on the type of cooking ware.
- Begin with the minimum cooking time to help prevent overcooking. If the food is not sufficiently cooked you can always cook it for a little longer. **N.B.: If the recommended cooking times are exceeded the food will be spoiled and in extreme circumstances could catch fire and possibly damage the interior of the oven.**

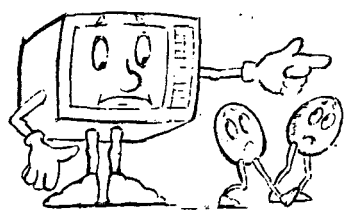
2) Small Quantities of Foods

- Small quantities of food or foods with low moisture content can burn, dry out or catch on fire if cooked too long. If materials inside the oven should ignite, keep oven door closed, turn oven off, and switch off at socket and remove plug from socket.



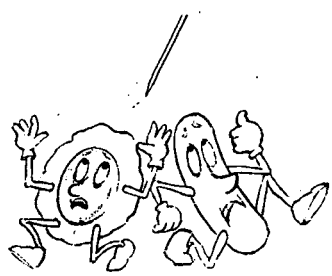
3) Eggs

- Do not cook eggs in their shells or whole hard-boiled eggs by MICROWAVE. Pressure may build up and the eggs will explode.



4) Piercing Skin

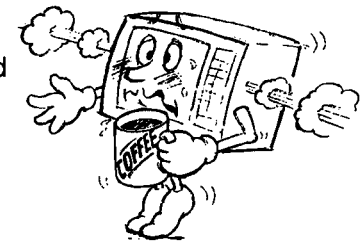
- Food with non porous skins, such as potatoes, egg yolks and sausages must be pierced before cooking by MICROWAVE to prevent bursting.



5) Meat Thermometer

- Use a meat thermometer to check the degree of cooking of roasts and poultry only when meat has been removed from oven. Do not use a conventional meat thermometer when using MICROWAVE or COMBINATION mode because they may cause sparking.

6) Liquids



- When heating liquids, e.g. soup, sauces and beverages in your microwave oven, overheating the liquid beyond boiling point can occur without evidence of bubbling. This could result in a sudden boil over of the hot liquid. To prevent this possibility, the following steps should be taken:
  a) Avoid using straight-sided containers with narrow necks.
  b) Do not overheat.
  c) Stir the liquid before placing the container in the oven and again halfway through cooking time.
  d) After heating, allow to stand in the oven for a short time, stirring again before carefully removing the container.

7) Paper/Plastic

- Carefully attend the appliance if paper, plastic or other combustible materials are placed inside the oven to facilitate cooking.
- Do not use recycled paper products (eg. Kitchen Roll) unless the paper product is labelled as safe for microwave oven use. Recycled paper products may contain impurities which when used may cause sparks and/or fires.
- Remove wire twist-ties from roasting bags before placing bags in oven.

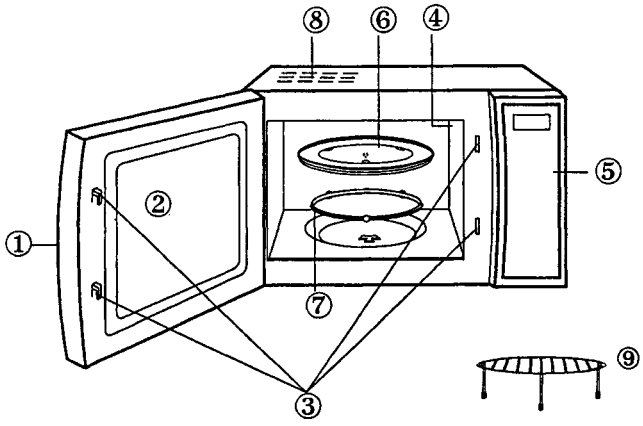
8) Utensils/Foil

- Do not heat any closed cans or bottles because they might explode.
- Metal containers or dishes with metallic trim should not be used during microwave or combination cooking. Sparking will occur.
- If you use any aluminium foil, meat spikes or metal ware, the distance between them and the oven walls and door should be at least 2 cm to prevent sparking.

9) Feeding Bottles/Baby Food Jars

- The top and teat or lid must be removed from feeding bottles or baby food jars before placing in the oven.
- The contents of feeding bottles and baby food jars are to be stirred or shaken.
- Check the temperature before consumption to avoid burns.

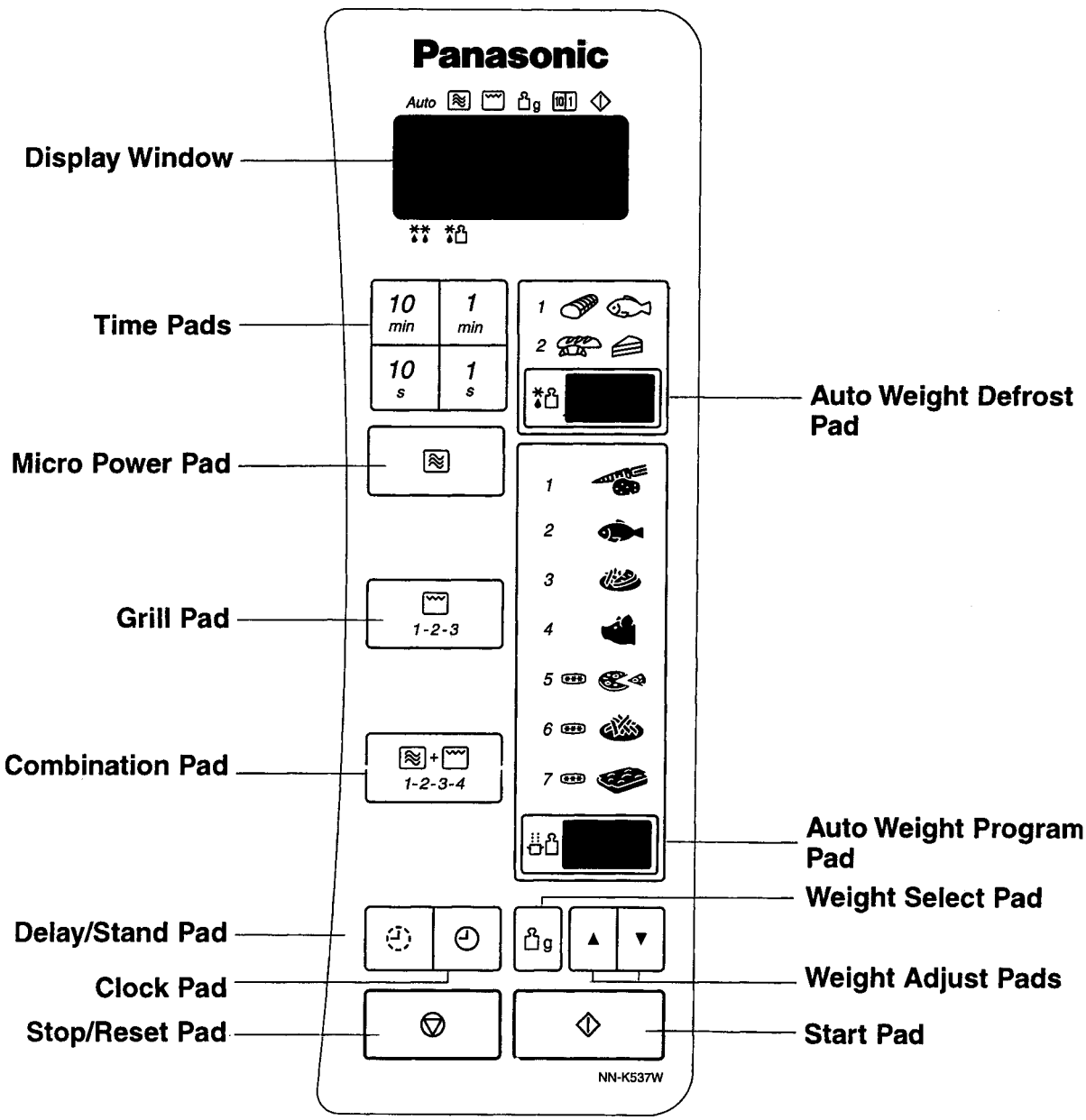
Outline Diagram



① **Pull Door Handle**
Pull to open the door. When you open the oven door during cooking, the cooking is stopped temporarily without clearing earlier made settings. The cooking is resumed as soon as the door has been closed again and the start pad pressed. The oven lamp lights as soon as the oven door is opened.

② **Oven Window**
③ **Door Safety Lock System**
④ **Oven Air Vent**
⑤ **Control Panel**
⑥ **Glass Tray**
⑦ **Roller Ring**
⑧ **External Oven Air Vents**
⑨ **Wire Rack**

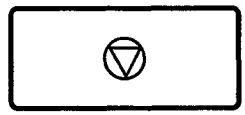
Control Panel



Controls and Operation Procedure

English

Stop/Cancel Pad:



Before cooking: one press clears your instructions.
During cooking: one press temporarily stops the cooking program. Another press cancels all your instructions and the time of day or colon will appear in the display.

Start Pad:

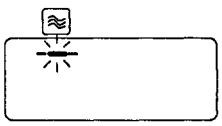
By pressing Start Pad the oven starts operating.
If during cooking the door is opened or Stop/Cancel Pad is pressed once, Start Pad has to be pressed again to continue cooking.

Beep Sound:

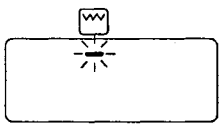
A beep sounds when a pad is pressed. If this signal is not heard, the setting is incorrect. When the oven changes from one function to another, two signals are heard. After completion of cooking, five signals are heard.

Step by Step Display:

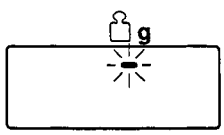
To assist you in programming the oven easily, the next operation for you to press is indicated by blinking in the display window.



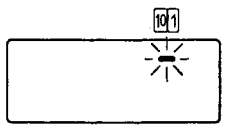
- Select the desired microwave power level.



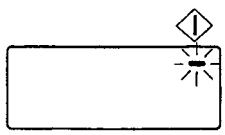
- Select the desired grill setting.



- Set the weight.



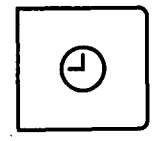
- Set the cooking time.



- Press Start Pad.

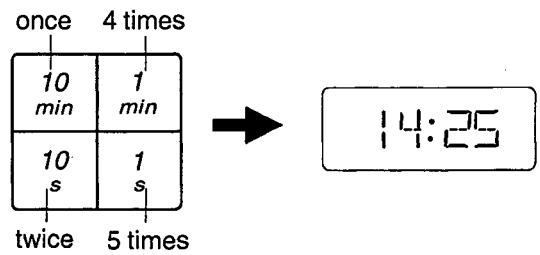
To Set Clock:

When the oven is connected, 88:88 lights in the display window.

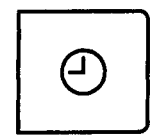


Step 1. Press Clock Pad.
▶ The colon starts to blink.

Step 2. Enter the time by pressing the appropriate Time Pads.
▶ The time appears on the display and the colon blinks.
Example: To set 14:25



Step 3. Press Clock Pad.
▶ The colon stops blinking and the time of day is entered.



Notes:
1. To reset the time of day repeat steps 1 through 3.
2. The time of day is displayed, unless the power supply is interrupted.
3. This clock has a 24 hour display.

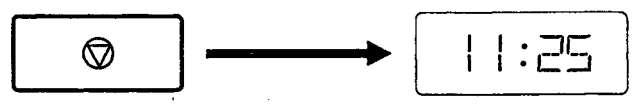
To Use Child Safety Lock:

Using this system will make the oven controls inoperable; however, the door will open.
You can set Child Lock when the display shows a colon or time of day.

To Set:

Press Start Pad three times.
▶ Time of day will disappear.
Actual time will not be lost.

To Cancel:

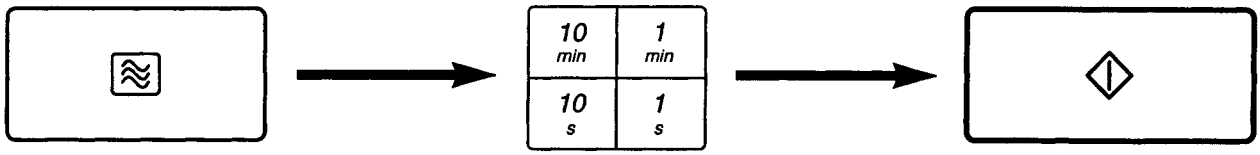


Press Stop/Reset Pad three times.
▶ Time of day will reappear on the display.

Time and Power Selection

MICROWAVE

There are 6 different microwave power levels available (see the chart below).



- **Press Micro Power Pad to set the desired power level.**
- **Set cooking time by pressing Time Pads.** (Up to 99 minutes and 99 seconds for a single stage)
- **Press Start Pad.**

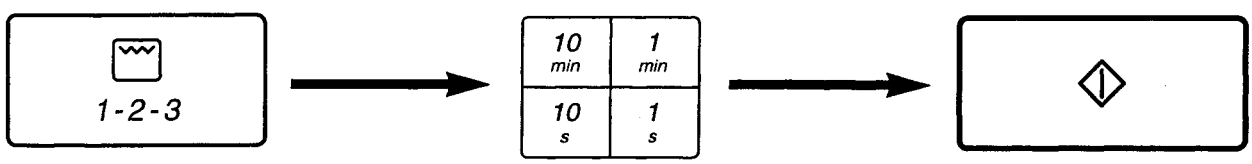
Press	Micro Power Level
once	MAX 800 W HIGH
twice	270 W DEFROST
3 times	600 W MEDIUM
4 times	440 W LOW
5 times	250 W SIMMER
6 times	100 W WARM

NOTE:

1. The oven can be programmed for 3 stages. Before pressing Start Pad, set micro power level and cooking time.
   Example: High Power 5 minutes → Stand 5 minutes → High Power 2 minutes
2. Timer can be programmed before/after the micro power and time setting.
3. To recall the selected power level during cooking, press Micro Power Pad.
4. To add extra cooking time during cooking, press 1 min Pad.
5. When selecting HIGH Power on the first stage, you need not select microwave power. Just set the cooking time and press Start Pad.

GRILL

There are three grill settings.



- **Press Grill Pad to set the desired grill setting mode.**
- **Set cooking time by pressing Time Pads.** (Up to 99 minutes and 99 seconds for a single stage)
- **Press Start Pad.**

Press	Grill Setting	
once	1 HIGH	1100 W
twice	2 MEDIUM	950 W
3 times	3 LOW	700 W

NOTE:

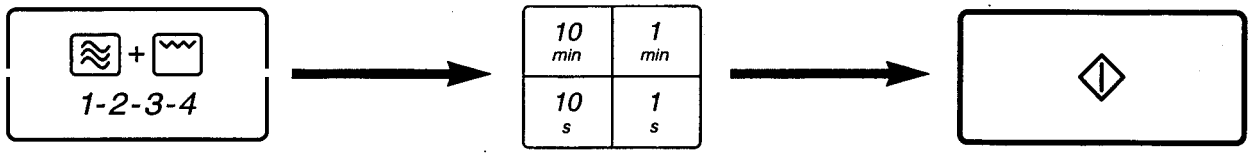
1. The oven can be programmed for 3 stages.
   Example: High Power 5 minutes → GRILL-1 5 minutes → Stand 3 minutes
2. Timer can be programmed before/after the grill power and time setting.
3. To recall the selected power level during cooking, press Grill Pad.
4. To add extra cooking time during cooking, press 1 min Pad.
5. Grill must not be preheated.
6. Use heat-proof dish on grill mode.

English

Time and Power Selection

COMBINATION

This feature allows you to cook with combining microwave and grill power. The microwave power cooks food quickly, while the grill gives traditional browning and crisping.



- **Select the desired combination setting (see below).**
- **Set cooking time.** (Up to 99 minutes and 99 seconds for a single stage)
- **Press Start Pad.**

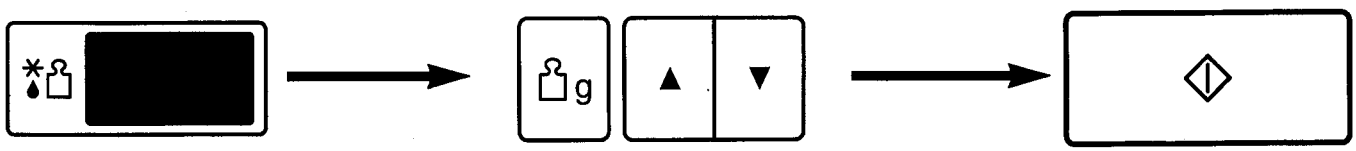
Press	Combination setting	Grill power	Microwave power
once	1	900 W	110 W
twice	2	800 W	180 W
3 times	3	700 W	255 W
4 times	4	500 W	400 W

NOTE:

1. The oven can be programmed up to 3 stages.
   Example: Combination 12 minutes → Stand 5 minutes → Grill-1 8 minutes
2. Timer can be programmed before/after the manual combination setting.
3. To recall the selected power level during cooking, press Combination Pad.
4. To add extra cooking time during cooking, press 1 min Pad.
5. Use microwave-safe and heat-proof dish on combination mode.

Auto Defrost

With this feature you can defrost frozen foods according to the weight. Select the category and set the weight of food. The weight is programmed in grams. For quick selection, the weight starts from the most commonly used weight for each category.



- **Press the Auto Defrost Pad and select the desired category (1 or 2).**
- **Set the weight of frozen foods.**
  - **weight counts-up in 100 g increments**
  - ▲ **weight counts-up in 10 g increments**
  - ▼ **weight counts-down in 10 g increments**
- **Press Start Pad.**

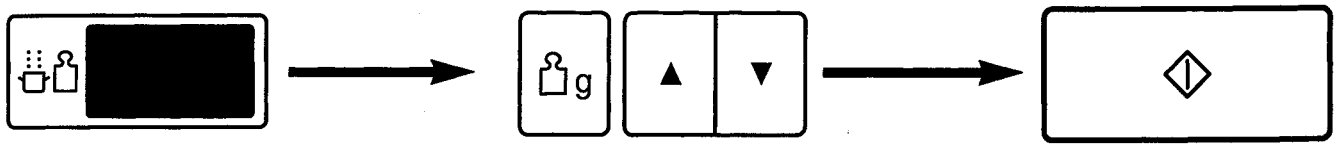
Notes:

1. Stand time of power level may be programmed after Auto Defrost.
2. When defrosting time is longer than 60 minutes, the time will appear in hours and minutes.
3. The shape and size of the food will determine the maximum weight the oven can accommodate.

Program	Weight Range	Instructions
1 Meat / Fish	200 g - 2000 g	**For defrosting meat, poultry and fish** Meat joints will require shielding during defrosting especially if it is a particularly fatty piece. Fish and chops should be arranged in a single layer and turned frequently. Standing time of at least 1 hour should be allowed before cooking to ensure the centre is fully defrosted.
2 Bread / Cake	100 g - 1300 g	**For defrosting rolls, buns and slices of bread** Turn over, separate halfway through defrosting. Standing time can be shortened if slices are separated and buns cut in half.

Auto Weight Program

With this feature food can be cooked according to the weight. Select the category and set the weight of food. The weight is programmed in grams. For quick selection, the weight starts from the most commonly used weight for each category.



- **Select the desired category (1-7).**
- **Set the weight of food.**
  - **weight counts-up in 100 g increments**
  - **weight counts-up in 10 g increments**
  - **weight counts-down in 10 g increments**
- **Press Start Pad.**

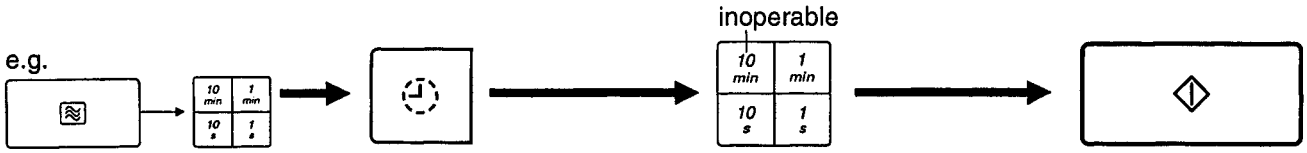
Notes:

1. Do not use Auto Weight Programs for food which weighs out of recommended weight range. Adjust the power and the time manually.
2. If the cooking time is longer than one hour, the time will appear as hours and minutes.
3. Stand time can be programmed after Auto Weight Programs.

Program	Min.-Max. Weight	Accessory	Hints
1. Cook Vegetables	200 - 1000 g		**For cooking fresh vegetables** Place prepared vegetables into a suitable sized container. Add 2-6 tbsp (30-90 mL) of water. Cover with microfilm or a lid. Large quantities will require stirring halfway.
2. Cook Fish	200 - 1000 g		**For cooking fresh fish (whole fillets, steaks)** Shield the thinner portions and place in a suitable sized container. Cover with microfilm or a lid. Large quantities will require turning halfway during cooking.
3. Reheat Plated Meal	100 - 1000 g		**For reheating one chilled (not frozen) plated meal from fridge temperature** Arrange the food evenly, spread solid items out, cover sliced meat with a sauce or gravy.
4. Roast Pork	800 - 2000 g		**For roasting pork** Place pork, fat-side down, in a dish on glass tray. Add 1 dl water and 1 tbsp of salt. Turn over at the beep. Allow 10 to 15 minutes standing time after cooking.
5. Reheat Frozen Pizza	200 - 400 g		**For reheating and browning the top of frozen purchased pizza** Remove all packaging and place on Wire Rack on Glass Tray.
6. Cook Frozen Potato Products	200 - 450 g		**For reheating and browning frozen potato products** Spread potato products out well on a heat-proof dish on Wire Rack on Glass Tray. Large quantities will require turning halfway. For best results cook in a single layer.
7. Reheat Frozen Gratin	350 - 450 g		**For reheating and browning frozen gratin** Remove all packaging and place in a heat-proof dish on Wire Rack on Glass Tray.

Stand Time

This feature allows you to program a Stand Time after cooking is completed and to program the oven as Minute Timer. Time Pads operate as HOUR pad and MINUTE pads on this feature.



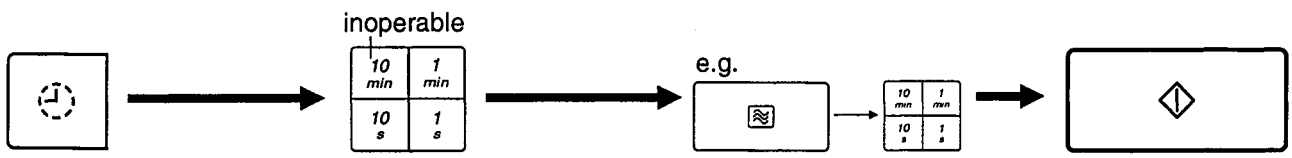
- **Set desired cooking program according to directions already given in this manual.**
- **Press Delay/Stand Pad.**
- **Set desired amount of time by pressing Time Pads.**
- **Press Start Pad.**

NOTE:

1. With this feature, the oven may be programmed to stand for up to 9 hours and 99 minutes.
2. This feature may also be used as a timer. In this case eliminate the first step (setting cooking program).
3. If the door is opened during stand time, the time in display window will continue to count down.
4. If the time exceeds one hour the time is counted back in units of minutes, if it is less than one hour the time is counted back in units of seconds.

Delay Start

This feature allows you to program Delay Start. Time Pads operate as HOUR pad and MINUTE pads on this feature.



- **Press Delay/Stand Pad.**
- **Set the time you want to delay the oven to begin cooking by pressing Time Pads.**
- **Program desired cooking program according to directions already given in this manual.**
- **Press Start Pad.**

NOTE:

1. With this feature, the oven may be programmed to delay cooking up to 9 hours and 99 minutes.
2. If Delay Start exceeds one hour the time is counted back in units of minutes, if it is less than one hour the time is counted back in units of seconds.

Questions and Answers

Q: I accidentally ran my microwave oven without any food in it. Is it damaged?

A: We do not recommend operating the microwave oven without any food. However, running the oven empty for a short time will not damage the oven.

Q: Why won't my oven turn on?

A: When the oven does not turn on, check the following:

1. Is the oven plugged in securely? Remove plug from outlet, wait 10 seconds and reinsert.
2. Check circuit breaker or fuse . Reset circuit breaker or replace fuse if it is tripped or blown.
3. If the circuit breaker or fuse is alright, plug another appliance into the outlet. If the other appliance works, there probably is a problem with the oven. If the other appliance does not work, there probably is a problem with the outlet.

If it seems there is a problem with the oven, contact an authorized Service Center.

Q: When I turn on my oven, there is noise coming from the glass tray.

A: This noise occurs when the roller ring and oven bottom are dirty. Frequent cleaning of these parts should eliminate or reduce the noise.

Q: My microwave oven causes interference with my TV. Is this normal?

A: Some radio and TV interference might occur when you cook with the microwave oven. This interference is similar to the interference caused by small appliances such as mixers, vacuums, blow dryers, etc. It does not indicate a problem with your oven. .

Q: The oven won't accept my program. Why?

A: The oven is designed not to accept an incorrect program. For example, the oven will not accept a fourth stage, and will not accept Auto Weight Program after Delay Start.

Q: Why does my oven light dim?

A: When cooking with a power other than HIGH, the oven must cycle to obtain the lower power levels. The oven light dims and clicking noises can be heard when the oven cycles.

Q: Sometimes warm air comes from the oven vents. Why?

A: The heat given off from the cooking food warms the air in the oven cavity. This warmed air is carried out of the oven by the air flow pattern in the oven. There are no microwaves in the air. The oven vents should never be blocked during cooking.

Q: "D" appears in the display and the oven does not cook. Why?

A: The oven has programmed DEMO MODE. This mode is designed for retail store display.
Deactivate mode by pressing Clock Pad three times.

Q: Can I use conventional oven thermometer in the oven?

A: Only when you are using Grill cooking mode. The metal in some thermometers may cause arcing in your oven and should not be used on Microwave and Combination cooking modes.

Q: My oven has an odour and generates smoke when using the COMBINATION and GRILL function. Why?

A: After repeated use, it is recommended to clean the oven and then run the oven without food, Glass Tray, and Roller Ring on GRILL 1 for 10 minutes. This will burn off any food or residue or oil which may cause and odour and/or smoking.

Care of Your Microwave Oven

1. Turn the oven off before cleaning.

2. Keep the inside of the oven, door seals and door seal areas clean. When food spatters of spilled liquids adhere to oven walls and door seals and door seal areas wipe off with a damp cloth. Mild detergent may be used if they get very dirty. The use of harsh detergent or abrasives is not recommended.
   DO NOT USE COMMERCIAL OVEN CLEANERS.

3. The outside oven surface should be cleaned with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.

4. If the Control Panel becomes dirty, clean with a soft, dry cloth. Do not use harsh detergents or abrasives on Control Panel. When cleaning the Control Panel, leave the oven door open to prevent the oven from accidentally turning on. After cleaning touch STOP/CANCEL Pad to clear display window.

5. If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity conditions and in no way indicates a malfunction of the unit.

6. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm soapy water or in a dishwasher.

7. The roller ring and oven cavity floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent and hot water then dry with a clean cloth. The roller ring may be washed in mild soapy water. Cooking vapours collect during repeated use but in no way affects the bottom surface or roller ring wheels.
   After removing the roller ring from cavity floor for cleaning, be sure to replace it in the proper position.

8. When using the GRILL or cooking in the COMBINATION mode, some foods may inevitably splatter grease on to the oven walls. If the oven is not cleaned occasionally, it may start to "smoke" during use.

9. This oven should only be serviced by qualified personnel. For maintenance and repair of the oven, contact the nearest authorized dealer.

Technical Specifications

Power Source:	230 V, 50 Hz	
Power Consumption:		1400 W
Output:	Microwave;	800 W (IEC-705)
	Heater;	1100 W

Outer Dimensions:	510 (W) × 370 (D) × 305 (H) mm
Oven Dimensions:	330 (W) × 330 (D) × 211 (H) mm
Weight:	17.6 kg

Specifications subject to change without notice.